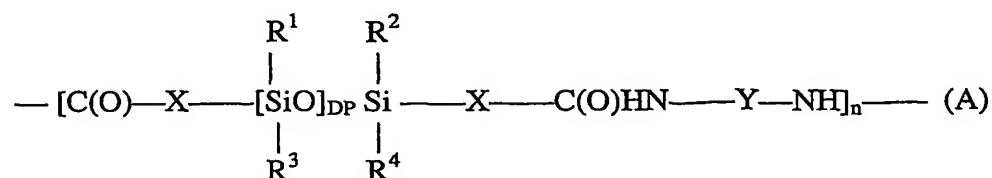


We claim:

1. A material useful in oral care products which comprises a silicon-modified polyamide blended with a different polyamide material.
2. The material as claimed in claim 1, wherein said different polyamide material
5 is a synthetic polyamide.
3. The material as claimed in claim 1, wherein said different polyamide material is nylon 6, nylon 6,6; nylon 6,10 or nylon 6,12.
4. The material as claimed in claim 1, wherein said different polyamide material is nylon 6,6.
- 10 5. The material as claimed in claim 1, wherein said siloxane-based polyamide (1) comprise both siloxane groups and amide groups to thicken compositions containing silicone fluids (volatile and/or non-volatile silicone fluids); (2) are non-flowable solids at room temperature; and (3) dissolve in a fluid which contains silicone at a temperature of 25-160 degrees C. to form a translucent or
15 clear solution at a temperature in this range.
6. The material as claimed in claim 1, wherein the silicon-modified polyamide comprises
 - a) 0.5-80 percent by weight based on the total weight of the composition of at least one siloxane-based polyamide;
 - 20 (b) 5-95 percent by weight silicone fluid; and
 - (c) if (a)+(b) do not equal 100 percent, then a portion of solvent sufficient to make 100 percent, wherein:

the siloxane-based polyamide is formed from units of Formula A



where: (1) n is a number selected from the group consisting of 1-500,

where n is the number of units in the polyamide;

(2) DP is an average value for degree of polymerization of a siloxane portion of the polyamide and is selected from the group consisting of 1-700;

(3) X is a linear or branched chain alkylene having 1-30 carbons;

(4) each of R¹-R⁴ is independently selected from the group consisting of methyl, ethyl, propyl, isopropyl, a siloxane chain, and phenyl, wherein the phenyl may optionally be substituted by 1-3 members from the group consisting of methyl and ethyl; and

(5) Y is selected from the group consisting of linear or branched chain alkylenes having 1-40 carbons, wherein the alkylene group itself may optionally be substituted by at least one member selected from the group

consisting of

(i) hydroxy;

(ii) C₃-C₈ cycloalkane;

(iii) 1-3 members selected independently from the group consisting of C₁-C₃ alkyls; phenyl optionally substituted by 1-3 members independently selected from the group consisting of C₁-C₃ alkyls;

(iv) C₁-C₃ alkyl hydroxy; and

(v) C₁-C₆ alkyl amine;

or Y may be Z where $Z=R^{20}T(R^{22})R^{21}$ where each of R²⁰, R²¹ and R²² is independently selected from the group consisting of linear and branched C₁-C₁₀ alkyl or alkylene groups; and T is selected from the group consisting of CR, where R is selected from the group consisting of hydrogen, the group consisting of the group defined for R¹-R⁴; and a trivalent atom selected from the group consisting of N, P and Al; and wherein each value for X, Y, DP and R¹-R⁴ may be the same or different for each unit in the polyamide.

7. The material as claimed in claim 6, wherein said different polyamide material is nylon 6, nylon 6,6; nylon 6,10 or nylon 6,12.

8. The material as claimed in claim 6, wherein said different polyamide material is nylon 6,6.

9. A filament which comprises said material as claimed in claim 1.

10. A filament which comprises said material as claimed in claim 8.

5 11. An oral care product which comprises at least one of said filament as claimed in claim 9.

12. The oral care product as claimed in claim 11, wherein the product is a toothbrush, dental floss, dental tape or paint brush.

10 13. Dental floss which comprises at least one of said filaments as claimed in claim 9.

14. A toothbrush bristle which comprises at least one of said filaments as claimed in claim 10.

15. A toothbrush which comprises at least one toothbrush bristle as claimed in claim 13.

15 16. The toothbrush as claimed in claim 15, wherein said toothbrush is an electric toothbrush.

17. The toothbrush as claimed in claim 15, wherein said toothbrush is a non-electric toothbrush.

20 18. A brush used for whitening the teeth which comprises at least one of said filaments as claimed in claim 9.

19. Dental tape which comprises at least one of said filaments as claimed in claim 9.